

*A 1*

*S 2*

*B 3*

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1. An RNA molecule comprising i) an RNA or a portion of an RNA which targets nucleoli in cells, and ii) an HIV TAR element.
2. The RNA molecule of claim 1, wherein said RNA is a snoRNA.
3. The RNA molecule of claim 2, wherein said snoRNA is a C/D box snoRNA.
4. The RNA molecule of claim 2, wherein said snoRNA comprises a C box and a D box.
5. The RNA molecule of claim 2, wherein said snoRNA is U16 snoRNA.
6. The RNA molecule of claim 5, wherein said HIV TAR element has replaced an apical loop of U16 snoRNA.
7. The RNA molecule of claim 1, wherein said HIV TAR element comprises SEQ ID NO: 12.
8. The expression cassette comprising the RNA molecule of claim 1.
9. The expression cassette of claim 8, further comprising an RNA pol III promoter sequence.
10. A cell comprising the RNA molecule of claim 1.
11. A method for inhibiting HIV replication in a HIV infected cell, comprising introducing the RNA molecule of claim 1 into said HIV infected cell.
12. The method of claim 11, wherein said TAR element localizes in the nucleolus of said HIV infected cell.
13. A method for claim 11, wherein said TAR element comprises SEQ ID NO:12.
14. A method of treating a person infected with HIV, comprising administering the RNA molecule of claim 1 to said person.